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Unsolved questions in prophylactic tricuspid valve repair and the possible role of transcatheter tricuspid intervention

Tagliari, Ana Paula ; Santos, Diego Vilela ; Saadi, Eduardo Keller ; Taramasso, Maurizio ; Mestres, Carlos A

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Unsolved questions in prophylactic tricuspid valve repair and the possible role of transcatheter tricuspid intervention

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Abstract

Tricuspid regurgitation progression after left-sided surgery and its correlation with worse postoperative and long-term outcomes is a highly debated topic. Some studies support prophylactic tricuspid repair based on annulus dimension rather than on tricuspid regurgitation severity only, while others are in favor of a more conservative management. Furthermore, the advent of percutaneous tricuspid valve intervention and its promising short-term outcomes has introduced a new factor to be taken into account on the tricuspid intervention decision-making process. We present a review on prophylactic tricuspid valve intervention, covering currently available data, as well as the role of transcatheter tricuspid valve intervention in this equation.

Keywords: Functional tricuspid regurgitation; transcatheter tricuspid valve intervention; tricuspid valve repair.

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Figures

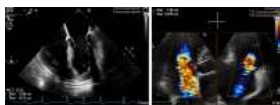


Figure 1
Echocardiographic
tricuspid valve evaluation



Figure 2 Tricuspid valve
repair with an...



Figure 3 Tricuspid valve
percutaneous repair
using...

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